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(54) Title: HEAT THICKENING COMPOSITION FOR COATING BATHS BASED ON A COPOLYMER HAVING A LOW CRITICAL SOLUBILITY TEMPERATURE

(54) Titre: COMPOSITION THERMOEPAISSISSANTE POUR BAINS DE COUCHAGE A BASE D'UN COPOLYMERES POSSEDANT UNE TEMPERATURE CRITIQUE INFERIEURE DE SOLUBILITE

(57) Abstract

The invention concerns a heat thickening composition for coating baths comprising at least a heat-sensitive copolymer, characterised in that said copolymer has a comb structure and consists of a polymeric segment called skeleton segment where to are grafted at least two polymeric lateral segments, identical or different, with either the skeleton segments and/or the lateral segments having a low critical solubility temperature (LCST) ranging between 30 and 80 °C. The invention also concerns a coating bath comprising said composition and their uses for coating paper or cardboard.

